IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Ulrich Bonne Examiner: Timothy J. Dole

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For: GAS IONIZATION SENSOR

Docket No.: H0006074-1100 1233101

AMENDMENT

Mail Stop Amendment Commissioner for Patents

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CERTIFICATE OF ELECTRONIC TRANSMISSION I hereby certify that this paper is being electronically transmitted to the United

States Patent and Trademark Office on the date shown below.

Lynn Thompson Date

This is in response to the Office Action mailed April 17, 2006, with a shortened statutory period set to expire on July 17, 2006. This response is being filed within the set period such that no extension of time is necessary.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims are reflected in the listing of claims which begins on page 3 of this paper.

Amendments to the drawings begin on page 7 of this paper and include both attached replacement sheets and annotated sheets showing changes.

Remarks begin on page 8 of this paper.

An Appendix including amended drawing figures is attached following page 10 of this paper.